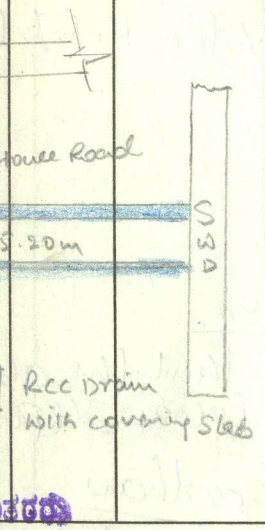
OOK

Depth 6	Contents 7	Reference to last Measurement 8
k alone SPOT		



First & Final Bill

BR-492/2822/15

BR-492/28-2-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192168

Serial No. .....

Name of work Improvements and Asphalting to cross Roads of Kempanna Layout (Reliance Tower) in ward No-to. (Doddabommasandra). Vidyaranyapura From ..... To .....

Name of Contractor or nature of Agency..... K.R.I.D.L

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code No:- 010-14-000009						
	Agreement No:- 677. Dated 05-08-2014.						
	work order No:- EE/BTP/KRIDL/WO/677/2013-14 Date 05-03-2014						
	Address of Agency:- #119, 14th cross Road 3rd floor Poorva Park Road Malleshwaram Bangalore-97						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides roughly dressed the disposed earth to be leveled neatly after breaking of clods.						
	Main Road	1	$30.00 \frac{(4.2+4.70)}{2} 0.60$			= 80.10 Cum	
		1	$30.00 \frac{(4.7+6.0)}{2} 0.60$			= 96.30 Cum	
		1	$30.00 \frac{(6.0+5.80)}{2} 0.60$			= 106.20 Cum	
		1	$30.00 \frac{(5.8+5.0)}{2} 0.60$			= 97.20 Cum	
		1	$25.30 \frac{(5.0+4.70)}{2} 0.60$			= 73.62 Cum	
	1st Cross Road	1	$26.00 \frac{(6.2+5.70)}{2} 0.60$			= 92.82 Cum	
	2nd Cross Road	1	$37.50 \frac{(4.5+4.50)}{2} 0.60$			= 101.25 Cum	

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Serial No. .....
Name of work ..... Fro
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	9th Cross Road	1
		1
	Ramanna Garden 3rd Cross	1
		1
		1
	Culvert	1
		1
		1

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			Hard Soil involving) and an average lift oderately dressed ed breaking of clods
·70)	0·60 =	80·10 Cum	
·00)	0·60 =	96·30 Cum	
·50)	0·60 =	106·20 Cum	
·)	0·60 =	97·20 Cum	
·70)	0·60 =	73·62 Cum	
·70)	0·60 =	92·82 Cum	
·50)	0·60 =	101·25 Cum	

(1) Fc -7

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192169

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	9th Cross Road	L	30.00	$\frac{(4.8+4.60)}{2}$	0.60 =	84.60 Cum	
		L	15.20	$\frac{(4.8+4.50)}{2}$	0.60 =	41.50 Cum	
	Ramanna Gaarden 3rd Cross	L	30.00	$\frac{(5.8+5.90)}{2}$	0.60 =	105.30 Cum	
		L	30.00	$\frac{(5.9+6.20)}{2}$	0.60 =	108.90 Cum	
		L	16.00	$\frac{(6.20+5.90)}{2}$	0.60 =	58.08 Cum	
	Culvert	L	7.20	1.20	1.20 =	10.37 Cum	
		L	7.10	1.20	1.20 =	10.22 Cum	
		L	6.90	1.20	1.20 =	9.94 Cum	

(1) Fc -7

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	7.00	1.20	1.20 =	10.08 Cum	
					Total =	1086.48 Cum	
					Qty limited to Tender =	1075.32 Cum	CAF
					@ Rs 90.72	Rs 97553.00	
						Sodha AE	
2)	Providing and laying in position plain cement concrete of mix 1:9:8 with OPC cement @ 180 kgs with 40mm and down size graded metal coarse aggregates and fine aggregates machine mixed concrete laid in layers not exceeding 15cms thick, well compacted in foundation and plinth, including cost of all materials						
	(Culverts)	1	7.20	1.20	0.15 =	1.30 Cum	
		1	7.10	1.20	0.15 =	1.28 Cum	
		1	6.90	1.20	0.15 =	1.24 Cum	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
3)	Providing and removing c of form work for vertica attached pilasters buttre
	Culverts

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1·20	1·20 =	10.08 Cum	
	Total =	1086.48 Cum	
to Tender =		1075.32 Cum	(AF(
		RS	97553.00
		Sadha AE	
pent concrete of mix 1:9:8			
and down Size graded			
es machine mixed concrete			
well compacted in foundation			
1·20	0·15 =	1·30 Cum	
1·20	0·15 =	1·28 Cum	
1·20	0·15 =	1·24 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192170

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	7.00	1.20	0.15 =	1.26 Cum	
					Total =	5.08 Cum	
		Qty limited to Tender =				5.04 Cum	
		@ RS 4290.84				RS 21626.00	
						Sadha AE	
3)	Providing and removing centering, shuttering, Strutting propping etc, and removal of form work for vertical Surface Such as walls at any thickness, including attached pilasters buttresses, plinth and String courses cost of all materials						
	Culverts	4	7.20		0.90 =	25.92 Sqm	
		4	7.10		0.90 =	25.92 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4	6.90		0.90 =	24.84 Sqm	C&Fc
		4	7.00		0.90 =	25.20 Sqm	
					Total =	101.52 Sqm	
					Qty limited to Tender =	100.80 Sqm	
					@ Rs 271.08	Rs	27325.00

4) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.87 Cum machine mixed concrete laid in layers not exceeding 15cms thick vibrated for all works in foundation plinth and ground floor level for roof slabs staircase lintels retaining walls return walls columns coving etc complete as per specifications.

M. A.
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Serial No. .....

Name of work ..... From

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Culvert Bottom	1
		1
		1
		1
	Side walls	2
		2
		2
		2
	Covering Slab	1
		1
		1
		1

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.90 =	24.84 Cum	C & FC
0.90 =	25.20 Cum	
Total =	101.52 Cum	
Qun =	100.80 Cum	
	Rs 27325.07	

nt Concrete of design
n and down Size
Cum machine mixed
& Vibrated for all
wel for roof Slabs
olumns Casing

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192171

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Culvert Bottom	1	7.20	1.20	0.20 =	1.73 Cum	
		1	7.10	1.20	0.20 =	1.70 Cum	
		1	6.90	1.20	0.20 =	1.66 Cum	
		1	7.00	1.20	0.20 =	1.68 Cum	
	Side walls	2	7.20	0.23	0.80 =	2.98 Cum	
		2	7.10	0.23	0.80 =	2.94 Cum	
		2	6.90	0.23	0.80 =	2.86 Cum	
		2	7.00	0.23	0.80 =	2.90 Cum	
	Covering Slab	1	7.20	1.20	0.23 =	1.99 Cum	C & FC
		1	7.10	1.20	0.23 =	1.96 Cum	
		1	6.90	1.20	0.23 =	1.90 Cum	
		1	7.00	1.20	0.23 =	1.93 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	16.00 (6.2+5.80)/2		0.028	= 2.42 Cum	
					Total =	43.58 Cum	
					Qty limited to Tender =	43.13 Cum	
			@ Rs 9631.44			Rs 415404.00	
10)	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per Specification						
	Qty vide Item No-01				-	= 967.79 Cum	
			@ Rs 72.71			Rs 70368.01	

Serial No
Name of
Name of ture of Agency
Date of commencement of work

Date	Full description, etc, of work	N
1	2	
11)	Add: L/f for third Part	
12)	Add 11% for K.R.L.D.C	

Certificate:

Certified that the abo materials issued fro

Jadhav

AE 25/11/2014

IT - 29713
VAT - 54425
FSD 89138
CWC 14856
CSP 14486
ROY 3000
Total 2290

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
3.90	0.028 =	2.42 Cum	
	Total =	43.58 Cum	
ender =		43.13 Cum	
		RS	415404.00

at carriage rates by unloading etc complete

= 967.79 Cum

RS 70368.01

IT - 29713 -
VAT - 59425 -
FSD 89138 -
CWC 14856
CESS 1486
ROY 300066

M. A. R. 57 (Rule 116) 1485625=00 No. B
Measurement Book 2209084=00 192176

Serial No
Name of
Name of ture of Agency
Date of commencement of work

From 1256,541=00 To

Total 2209084=00

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	11) Add 1% for third Party inspection charges					RS	13384.01
	12) Add 11% for K.R.I.D.L Charges					RS	147224.11
					Total RS		1499009.13
							1485625=00

Jadhav
AE 25/11/2014

Certificate:-

Certified that the above work done satisfactory and no materials issued from department only

Jadhav
AE 25/11/2014

25.11.14